We claim:

- 1. A process for preparation crystalline Form-I of Pantoprazole sodium sesquihydrate, said process comprising:
- a) providing a solution of Pantoprazole free base and a stoichiometric amount of aqueous sodium hydroxide in a solvent;
 - b) adding an anti-solvent;
 - c) cooling the solution until a precipitate is formed; and
- d) isolating the precipitate, which is the crystalline Form-I of Pantoprazole sodium sesquihydrate.
- 2. The process of claim 1, further comprising drying the isolated precipitate.
- 3. The process of claim 1, wherein said solvent is selected from the group consisting of C1-C4 straight or branched alcohols such as methanol, ethanol, n-propanol, isopropanol, n-butanol, secondary butanol or tertiary butanol or other solvents such as tetrahydrofuran or acetonitrile or ethylacetate.
- 4. The process of claim 1, wherein said solvent is tetrahydrofuran, acetonitrile or ethyl acetate.
- 5. The process of claim 1, wherein said solvent is selected from the group consisting of aliphatic or alicyclic hydrocarbon solvents comprising of petroleum ether, hexane, n-heptane, cyclohexane or cycloheptane, or chlorinated solvents such as dichloromethane or chloroform or ethers having C1-C4 carbon atoms in straight or branched chain such as dimethyl ether, diethyl ether, di isopropyl ether, di butyl ether or methyl tertiary butyl ether.
- 6. The process of claim 1, wherein said solvent is dichloromethane or diisopropylether or methyl-tertiary butyl ether.
- 7. The process of claim 1, wherein said providing step includes heating a mixture of the starting Pantoprazole free base and the solvent to a temperature of from about 25°C to about 50°C until the solution is formed.
- 8. The process of claim 7, wherein the mixture is heated to from about 40°C to about 50°C.

- 9. The process of claim 1, further comprising filtering said provided solution of Pantoprazole prior to said cooling step.
- 10. The process of claim 1, wherein the solution of Pantoprazole is cooled to from about -10°C to about 20°C.